AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A method for automatic generation of a resource type for an application, said resource type to be installed on one or more nodes of a clustered computer system, said method comprising:

a. accepting user specified characteristics of said application and said clustered computer system;

b. determining if said application can be wrapped in said resource type;

~~b.~~c. receiving a user-supplied selection of a programming language;

~~c.~~d. automatically generating a code in the user-supplied selected programming language for at least one resource type based on at least one of said input user specified characteristics,

e. wrapping said application in the at least one resource type;

~~d.~~f. installing said generated code of said at least one resource type and said application on at least one node of said clustered computer system;

~~e.~~g. automatically generating a configuration file separate from the code, wherein the configuration file stores user-supplied configuration information which allows the generated code to be configured after it is installed, and wherein the user-supplied information includes at least one of a resource type name, a vendor ID, an indication of whether the resource type is failover or scalable, an

indication of whether the base application is network aware, and a selected language for the generated code; and

~~f.~~h. automatically generating customized utility scripts, wherein the customized utility scripts enable starting, stopping, and removing an instance of the resource type on at least one node of said clustered computer system.

2. (Original) The method of claim 1, wherein said application is a highly available application.

3. (Original) The method of claim 1, wherein said application is a scalable application.

4. (Original) The method of claim 1, wherein said resource type performs at least one of the following:

a. starts execution of said application;

b. stops execution of said application; and

c. monitors execution of said application.

5. (Original) The method of claim 1, wherein said code of said at least one resource type is a source code.

6. (Original) The method of claim 1, wherein before said installing of said generated code, said generated code of said resource type and said application are arranged into a software package.

7. (Original) The method of claim 1, wherein said user specified characteristics comprise information on whether said resource type is failover or

scalable.

8. (Original) The method of claim 1, wherein said user specified characteristics comprise information on whether said application is network-aware or non network-aware.

9. (Previously presented) The method of claim 1, wherein said user specified characteristics are entered at a user interface, wherein said user interface is a graphical user interface.

10. (Previously presented) The method of claim 1, wherein said generating of said code further comprises providing said user with an ability to modify said generated code.

11. (Currently amended) A computer readable medium containing a program for automatic generation of a resource type for an application, said resource type to be installed on one or more nodes of a clustered computer system, said program comprising:

a. accepting user specified characteristics of said application and said clustered computer system using a user interface;

b. determining if said application can be wrapped in said resource type;

~~b.~~c. receiving a user-supplied selection of a programming language;

~~c.~~d. automatically generating a code in the user-supplied selected programming language for at least one resource type based at least on said input user specified characteristics;

e. wrapping said application in the at least one resource type;

~~d.~~f. installing said generated code of said at least one resource type and said application on at least one node of said clustered computer system;

~~e.~~g. automatically generating a configuration file separate from the code, wherein the configuration file stores user-supplied configuration information which allows the generated code to be configured after it is installed, and wherein the user-supplied information includes at least one of a resource type name, a vendor ID, an indication of whether the resource type is failover or scalable, an indication of whether the base application is network aware, and a selected language for the generated code; and

~~f.~~h. automatically generating customized utility scripts, wherein the customized utility scripts enable starting, stopping, and removing an instance of the resource type on at least one node of said clustered computer system.

12. (Original) The computer readable medium of claim 11, wherein said application is a highly available application.

13. (Original) The computer readable medium of claim 11, wherein said application is a scalable application.

14. (Original) The computer readable medium of claim 11, wherein said resource type performs at least one of the following:

a. starts execution of said application;

b. stops execution of said application; and

c. monitors execution of said application.

15. (Original) The computer readable medium of claim 11, wherein said code of said at least one resource type is a source code.

16. (Original) The computer readable medium of claim 11, wherein before said (c) said generated code of said resource type and said application are arranged into a software package.

17. (Original) The computer readable medium of claim 11, wherein said user specified characteristics comprise information on whether said resource type is failover or scalable.

18. (Original) The computer readable medium of claim 11, wherein said user specified characteristics comprise information on whether said application is type is network-aware or non network-aware.

19. (Original) The computer readable medium of claim 11, wherein said user interface is a graphical user interface.

20. (Original) The computer readable medium of claim 11, wherein said generating of said code further comprises providing said user with an ability to modify said generated code.

21. (Currently amended) A computer system comprising at least a central processing unit and a memory, said memory storing a program for automatic generation of a resource type for an application, said resource type to be installed on one or more nodes of a clustered computer system, said program comprising:

a. accepting user specified characteristics of said application and said clustered computer system using a user interface;

b. determining if said application can be wrapped in said resource type;

~~b.~~c. receiving a user-supplied selection of a programming language;

~~c.~~d. automatically generating a code in the user-supplied selected programming language for at least one resource type based at least on said input user specified characteristics;

e. wrapping said application in the at least one resource type;

~~d.~~f. installing said generated code of said at least one resource type and said application on at least one node of said clustered computer system;

~~e.~~g. automatically generating a configuration file separate from the code, wherein the configuration file stores user-supplied configuration information which allows the generated code to be configured after it is installed, and wherein the user-supplied information includes at least one of a resource type name, a vendor ID, an indication of whether the resource type is failover or scalable, an indication of whether the base application is network aware, and a selected language for the generated code; and

~~f.~~h. automatically generating customized utility scripts, wherein the customized utility scripts enable starting, stopping, and removing an instance of the resource type on at least one node of said clustered computer system.

22. (Original) The computer system of claim 21, wherein said application is a highly available application.

23. (Original) The computer system of claim 21, wherein said application is a scalable application.

24. (Original) The computer system of claim 21, wherein said resource type performs at least one of the following:

a. starts execution of said application;

b. stops execution of said application; and

c. monitors execution of said application.

25. (Original) The computer system of claim 21, wherein said code of said at least one resource type is a source code.

26. (Original) The computer system of claim 21, wherein before said (c) said generated code of said resource type and said application are arranged into a software package.

27. (Original) The computer system of claim 21, wherein said user specified characteristics comprise information on whether said resource type is failover or scalable.

28. (Original) The computer system of claim 21, wherein said user specified characteristics comprise information on whether said application is type is network-aware or non network-aware.

29. (Original) The computer system of claim 21, wherein said user interface is a graphical user interface.

30. (Original) The computer system of claim 21, wherein said generating

of said code further comprises providing said user with an ability to modify said generated code.